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TRANSMITTAL FORM

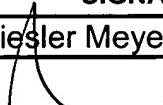
(to be used for all correspondence after initial filing)

		Application Number	10/784,376
		Filing Date	February 23, 2004
		First Named Inventor	Sundararajan et al.
		Art Unit	2176
		Examiner Name	
Total Number of Pages in This Submission	6	Attorney Docket Number	BEAS-01391US1

ENCLOSURES (Check all that apply)

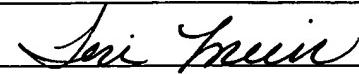
<input type="checkbox"/> Fee Transmittal Form Fee Attached <input type="checkbox"/> Preliminary Amendment <div style="margin-left: 20px;"><input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)</div> <div style="margin-left: 20px;"><input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request</div> <div style="margin-left: 20px;"><input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> (6) Cited Document(s)</div> <div style="margin-left: 20px;"><input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <div style="margin-left: 20px;"><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53</div></div>	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <hr/> <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Post Card
Remarks :		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Fliesler Meyer LLP - Customer Number 23910		
Signature			
Printed Name	Joseph P. O'Malley		
Date	March 21, 2005	Reg. No.	36,226

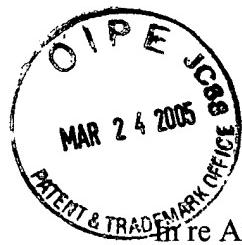
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor(s): Sundararajan et al.
Appln. No.: 10/784,376
Confirm. No.: 8926
Filed: February 23, 2004
Title: SYSTEMS AND METHODS FOR
DECLARATIVELY TRANSFORMING DATA
OBJECTS BETWEEN DISPARATE
PRESENTATIONS

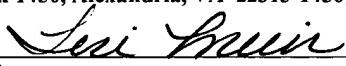
PATENT APPLICATION

Art Unit: 2176
Examiner:

Customer No. 23910

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to **MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**, on March 24, 2005.


Teri Muir (Attorney Signature)
Signature Date: March 24, 2005



INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

Enclosed with this statement are the following:

- Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- The present application is being/was filed after June 30, 2003. In accordance with the pre-official gazette waiver of 37 CFR 1.98 (a)(2)(i) posted at: pac/dapp/opla/preognnotice/idswouscopies.htm, copies of cited U.S. patents and publications are not enclosed. However, copies of cited foreign patent documents and non-patent literature are enclosed in accordance with 37 CFR 1.98(a)(2), as still required, except for those items designated by an asterisk (*), which were previously submitted by the applicant in a parent application, from which benefit under 35 U.S.C. §120 is claimed, with an *Information Disclosure Statement* submitted in the parent application which complies with the September 8, 2000 or subsequent revision of 37 C.F.R. §1.98(a-c), as allowed under 37 C.F.R. §1.98(d)(1).

— The present application was filed prior to June 30, 2003. A copy of each cited document as required by 37 C.F.R. §1.98 is enclosed, except for those items designated by an asterisk (*), which were previously submitted by the applicant in a parent application, from which benefit under 35 U.S.C. §120 is claimed, with an *Information Disclosure Statement* submitted in the parent application which complies with the September 8, 2000 or subsequent revision of 37 C.F.R. §1.98(a-c), as allowed under 37 C.F.R. §1.98(d)(1).

— If any of the cited/submitted documents is in a foreign language, a concise explanation of relevance is provided pursuant to 37 C.F.R. §1.98(a)(3)(i). For foreign language documents cited in a search report by a foreign patent office, the requirement for a concise explanation of relevance is satisfied by the submission herewith of an English language version of the search report. MPEP §609A(3). If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in §1.56(c), a copy of the translation accompanies this statement, 37 C.F.R. §1.98(a)(3)(ii), and satisfies the requirement for a concise explanation of relevance, MPEP §609A(3).

— **PTA Statement under 37 C.F.R. §1.704(d).** Each item of information contained in the *Information Disclosure Statement* was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the *Information Disclosure Statement*.

This statement should be considered because:

37 C.F.R. §1.97(b). This statement qualifies under 37 C.F.R. §1.97, subsection (b) because:

- (1) It is being filed within three months of the filing date of an application other than a continued prosecution application under § 1.53(d);
-- OR --
- (2) It is being filed within 3 months of entry of a national stage;
-- OR --
- (3) It is being filed before the mailing date of the first Office Action on the merits,
-- OR --
- (4) It is being filed before the mailing date of the first Office Action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114.

37 C.F.R. §1.97(c). Although it may not qualify under subsection (b), this statement qualifies under 37 C.F.R. §1.97, subsection (c) because:

- (1) It is being filed before the mailing date of a FINAL Office Action, a Notice of Allowance, or an action that otherwise closes prosecution in the subject application, whichever occurs first.

-- AND (*check at least one of the following*) --

- (1) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e).
-- OR --
- (2) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

37 C.F.R. §1.97(d). Although it may not qualify under subsection (b) or (c), this statement qualifies under 37 C.F.R. §1.97, subsection (d) because:

- (1) It is being filed on or before payment of the Issue Fee;
-- AND --
(2) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e);
-- AND --
(3) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

✓ **Fee Authorization.** The Commissioner is hereby authorized to charge any deficiencies or credit any overpayment to Deposit Account No. 06-1325. A duplicate copy of this authorization is enclosed.

Respectfully submitted,
FLIESLER MEYER LLP

By: _____
Joseph P. O'Malley
Reg. No. 36,226

Date: March 21, 2005

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Form PTO-9049
(Substitute)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
*Information Disclosure Statement
BY APPLICANT*
(Use several sheets if necessary)

Attorney Docket Number	Serial/Patent Number
BEAS-01391US1	10/784,376
Applicant/Patent Owner	
Sundararajan et al.	
Filing/Issue Date	Group Art Unit
February 23, 2004	8926

U.S. PATENTS

Examiner Initial	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
	5,862,327	01/19/99	Kwang et al.	395	200	06/10/96
	5,950,010	09/07/99	Hesse et al.	395	712	11/25/96
	6,023,722	02/08/00	Colyer	709	201	07/23/97
	6,067,548	05/23/00	Cheng	707	103	07/16/98
	6,141,686	10/31/00	Jackowski et al.	709	224	06/23/98
	6,222,533	04/24/01	Notani et al.	345	329	08/25/97
	6,230,309	05/08/01	Turner et al.	717	1	04/25/97
	6,237,135	05/22/01	Timbol	717	1	09/11/98
	6,282,711	08/28/01	Halpern et al.	717	11	08/10/99
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	6,349,408	02/19/02	Smith	171	11	06/30/98
	6,393,605	05/21/02	Loomans	717	121	11/17/99
	6,549,949	04/15/03	Bowman-Amuah	709	236	08/31/99

U.S. PATENT PUBLICATIONS

Examiner Initial	Patent Application Publication Number	Publication Date	Applicant
	2002/0073080 A1	06/13/02	Lipkin
	2003/0046266 A1	03/06/03	Mullins et al.

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Publication Date	Country	Class	Subclass	Trans-lation Yes No
	WO 01/90884 A2	29/Nov/01	Europe	G06F	9/00	X

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

	Mariucci et al., "Enterprise Application Server Development Environments"; University of Stuttgart; 10 th October 2000; last update; pp: 1-30.
	IPlanet, e-commerce solutions; "iPlanet Application Server 6.0 White Paper", technical reference guide; May 25, 2000; pp:1-104.
	Roman et al., "The Technical Benefits of EJB and J2EE Technologies over COM+ and Windows DNA", December 1999, Prepared for Sun Microsystems, Inc. © 1999 The Middleware Company; pp: 1-24.

	HP Application Server; Technical Guide Version 8.0; Hewlett-Packard Company; © Copyright 1999-2001; pp: 1-234.
	Deuvo et al., "An Infrastructure for the Dynamic Distribution of Web Applications and Services"; Department of Computer Science, Boston University, December 2000; BUCS-TR-2000-027; pp: 1-22.
Examiner	Date Considered
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
*1 = Copy not submitted because it was submitted in prior application SN /_____, filed _____, 20_____, relied on under 35 USC §120.	
*2 = Copy not submitted because it was submitted in prior application SN /_____, filed _____, 20_____, relied on under 35 USC §120.	